

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	Dbs	Default Operator	Plurals	Time Stamp
S1	8	maurice NEAR morency OR guoji NEAR shan OR denise NEAR fontaine	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/08/28 16:20
S2	25	grind\$3 pigment AND hydrometallurg\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/08/28 16:24
S3	1	"6500229" surfactant	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/08/28 17:05
S4	2	"6500229" sodium	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/08/28 17:05
S5	2	"6500229" method	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/08/28 17:08
S6	13	grind\$3 pigment AND hydrometallurg\$4 AND lead	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/08/28 17:25
S7	12	grind\$3 pigment AND hydrometallurg\$4 AND lead AND leach\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/08/28 17:26
S8	31	hydrometallurgy AND pigment	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 09:42
S9	23	hydrometallurgy AND pigment AND (iron OR steel OR magnetite OR ferrite)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 09:43
S10	4	hydrometallurgy AND pigment AND (magnetite OR ferrite)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 10:55
S11	1277	pigment AND (magnetite OR ferrite) AND filter AND grade	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 13:19
S12	563	pigment AND (magnetite AND ferrite) AND filter AND grade	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 13:19
S13	558	pigment AND (magnetite AND ferrite) AND filter AND grade AND metal	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 13:20
S14	0	pigment AND (magnetite AND ferrite) AND filter AND grade AND steel NEAR mill NEAR dust	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 13:21
S15	136	pigment AND (magnetite AND ferrite) AND filter AND grade AND dust	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 13:21

S16	1	pigment AND (magnetite AND ferrite) AND filter AND grade AND steel NEAR dust	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 13:21
S19	0	("2008/0206127").URPN.	USPAT	AND	ON	2008/09/10 13:23
S20	0	pigment AND (magnetite AND ferrite) AND filter AND grade AND mill NEAR dust	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 13:23
S21	222	pigment AND (magnetite AND ferrite) AND (filter\$3 OR separat\$3) AND grade AND dust	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 13:24
S22	152	pigment AND (magnetite AND ferrite) AND (filter\$3 OR separat\$3) AND surfactant AND grade AND dust	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 13:24
S23	0	pigment AND (magnetite AND ferrite) AND (filter\$3 OR separat\$3) AND magnet3 AND surfactant AND grade AND dust	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 13:25
S24	8	"4432803"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 13:40
S25	4	"6022406"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 13:44
S26	0	Anti-Corrosion Pigments Coming Form Dust Of An Electric Arc Furnace And Containing Sacrificial Calcum	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/09/10 13:47
S27	1	"4432803" AND grade	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 15:07
S28	2	"6022406" grade	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 15:08
S31	4	"6022406" pigment	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 15:09
S32	6	"5942198" grade	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 15:10
S34	2	"6500229" (filter\$3 OR filtrat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 15:38
S35	1	"6022406" filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 16:19
S36	14	("4432803" OR "5601630" OR "5942198" OR "6022406") AND grade	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/10 16:43

S37	0	"4,340,665"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/11 10:16
S38	5	"4,340,665"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/11 10:17
S39	1004	pigment AND (magnetite AND ferrite) AND (filter OR sieve OR separat\$3) AND grade AND metal	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/11 11:38
S40	0	cement ADJ pigment AND (magnetite AND ferrite) AND (filter OR sieve OR separat\$3) AND grade AND metal	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/11 11:38
S41	0	cement NEAR pigment AND (magnetite AND ferrite) AND (filter OR sieve OR separat\$3) AND grade AND metal	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/11 11:38
S42	38	cement AND pigment AND (magnetite AND ferrite) AND (filter OR sieve OR separat\$3) AND grade AND metal	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/11 11:39
S43	11	"4190422"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/12 10:14
S44	0	phosphate defloculant zeta ADJ potential isoelectric ADJ point	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/09/03 17:48
S45	19	phosphate defloculant zeta ADJ potential	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/09/03 17:48
S46	18	phosphate defloculant zeta ADJ potential metal	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/09/03 17:49
S47	13	phosphate defloculant zeta ADJ potential powder	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/09/03 17:49
S48	16	phosphate defloculant zeta metal (powder OR dust)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/09/03 17:50
S49	331	phosphate defloculant metal (powder OR dust)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/09/03 17:51
S50	128	phosphate defloculant metal (powder OR dust) mill	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/09/03 17:51
S51	81	phosphate defloculant metal (powder OR dust) mill NOT ceramic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/09/03 17:52
S52	0	sodium metaphosphate defloculant metal (powder OR dust) mill NOT ceramic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/09/03 17:52

S53	2	sodium metaphosphate deflocculant metal (powder OR dust) mill	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/09/03 17:52
S54	7	sodium metaphosphate deflocculant metal (powder OR dust)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/09/03 17:53
S55	3	sodium metaphosphate deflocculant metal (powder OR dust) magnet\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/09/03 17:59
S57	54382	magnetic separation phosphate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/17 10:17
S58	3860	magnetic separation phosphate dispersant	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/17 10:18
S59	81	magnetic separation alkali NEAR phosphate dispersant	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/17 10:18
S60	799	magnetic separation sodium NEAR phosphate dispersant	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/17 10:18
S61	28	magnetic separation sodium NEAR metaphosphate dispersant	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/17 10:18
S62	3	"magnetic separation" sodium NEAR metaphosphate dispersant	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/17 10:19
S63	7	"magnetic separation" sodium NEAR metaphosphate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/17 10:45
S64	0	"magnetic separation" alkali NEAR metaphosphate dispersant	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/17 11:03
S65	1	"magnetic separation" alkali NEAR phosphate dispersant	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/17 11:03
S66	2	"magnetic separation" alkali NEAR phosphate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/17 11:03
S67	1345	"magnetic separation" sodium NEAR phosphate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/17 11:04
S68	38	"magnetic separation" sodium NEAR phosphate dispersant	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/17 11:04
S69	199	"magnetic separation" phosphate dispersant	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/17 11:05
S70	4078	"magnetic separation" phosphate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/17 11:06

S71	15	"magnetic separation" phosphate dispersant arc furnace	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/17 11:07
S72	4	"magnetic separation" phosphate dispersant "arc furnace"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/17 11:07
S73	16	:hydrometallurgy (electric ADJ arc ADJ furnace OR EAF) (dust OR partic\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/05/12 16:07
S74	16	(hydrometallurgy OR hydro ADJ metallurgy) (electric ADJ arc ADJ furnace OR EAF) (dust OR partic\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/05/12 16:08
S75	7	(hydrometallurgy OR hydro ADJ metallurgy) (electric ADJ arc ADJ furnace OR EAF) (dust OR partic\$6) (ferrite OR magnetite)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/05/12 16:10
S76	1	(hydrometallurgy OR hydro ADJ metallurgy) (electric ADJ arc ADJ furnace OR EAF) (dust OR partic\$6) (ferrite OR magnetite) phosphate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/05/12 17:06
S77	400	75/743.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/05/12 17:09
S78	77	75/743.ccls. (hydrometallurgy OR hydro ADJ metallurgy)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/05/12 17:09
S79	100	75/746.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/05/25 16:57
S80	10	75/746.ccls. arc ADJ furnace	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/05/25 16:58
S81	77	75/743.ccls. (hydrometallurgy OR hydro ADJ metallurgy)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/05/25 17:16
S82	7	(hydrometallurgy OR hydro ADJ metallurgy) (electric ADJ arc ADJ furnace OR EAF) (dust OR partic\$6) (ferrite OR magnetite)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/05/25 17:16
S83	400	75/743.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/05/25 17:16
S84	16	(hydrometallurgy OR hydro ADJ metallurgy) (electric ADJ arc ADJ furnace OR EAF) (dust OR partic\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/05/25 17:16

S85	16	hydrometallurgy (electric ADJ arc ADJ furnace OR EAF) (dust OR partic\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/05/25 17:17
S86	4	"magnetic separation" phosphate dispersant "arc furnace"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/05/25 17:17
S87	150	(hydrometallurg\$5 OR hydro ADJ metallurg\$5) pigment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/11/15 15:08
S88	36	(hydrometallurg\$5 OR hydro ADJ metallurg\$5) pigment (phosphor\$3 OR metaphosphor\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/11/15 15:09
S89	478	(hydrometallurg\$5 OR hydro ADJ metallurg\$5) (iron OR steel) (phosphor\$3 OR metaphosphor\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/11/15 15:23
S90	211	(hydrometallurg\$5 OR hydro ADJ metallurg\$5) (iron OR steel) (dust OR fines) (phosphor \$3 OR metaphosphor\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/11/15 15:23
S91	92	(hydrometallurg\$5 OR hydro ADJ metallurg\$5) (iron OR steel) (dust OR fines) (phosphor \$3 OR metaphosphor\$3) (EAF OR furnace OR electric ADJ arc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/11/15 15:25
S92	336	"20070214912"   "6364223"   "4075391"   "5648039"   "4319988"   RE31540   "20030094120"   "3601589"   "4126591"   "4413067"   "6079644"   "6203826"   "6231839"   "6241167"   "6432196"   "6726856"   "7837785"   "7851544"   "20010015388"   "20020053661"   "20060042509"   "20070128365"   "20070185272"   "20070190139"   "20080257213"   "20090056591"   "20090233082"   "3996392"   "4383979"   "5520797"   "5618355"   "6355194"   "6488787"   "6964711"   "20030190251"   "20050115643"   "20090302512"   "20100300585"   "20110000589"   "20110111676"   "20110120919"   "7111738"   "7886913"   "20040164005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/12/02 10:51

		"3802632"   "4019995"   "4023959"   "4067953"   "4287167"					
S93	5	("20070214912"   "6364223"   "4075391"   "5648039"   "4319988"   RE31540   "20030094120"   "3601589"   "4126591"   "4413067"   "6079644"   "6203826"   "6231839"   "6241167"   "6432196"   "6726856"   "7837785"   "7851544"   "20010015388"   "20020053661"   "20060042509"   "20070128365"   "20070185272"   "20070190139"   "20080257213"   "20090056591"   "20090233082"   "3996392"   "4383979"   "5520797"   "5618355"   "6355194"   "6488787"   "6964711"   "20030190251"   "20050115643"   "20090302512"   "20100300585"   "20110000589"   "20110111676"   "20110120919"   "7111738"   "7886913"   "20040164005"   "3802632"   "4019995"   "4023959"   "4067953"   "4287167") AND (Sodium metaphosphate OR SHMP OR 6NaO18P6 OR Na6O18P6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/12/02 10:54	
S94	85	("20070214912"   "6364223"   "4075391"   "5648039"   "4319988"   RE31540   "20030094120"   "3601589"   "4126591"   "4413067"   "6079644"   "6203826"   "6231839"   "6241167"   "6432196"   "6726856"   "7837785"   "7851544"   "20010015388"   "20020053661"   "20060042509"   "20070128365"   "20070185272"   "20070190139"   "20080257213"   "20090056591"   "20090233082"   "3996392"   "4383979"   "5520797"   "5618355"   "6355194"   "6488787"   "6964711"   "20030190251"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/12/02 10:54	

		"20050115643"   "20090302512"   "20100300585"   "20110000589"   "20110111676"   "20110120919"   "7111738"   "7886913"   "20040164005"   "3802632"   "4019995"   "4023959"   "4067953"   "4287167") AND phosphate				
S95	11	("20070214912"   "6364223"   "4075391"   "5648039"   "4319988"   RE31540   "20030094120"   "3601589"   "4126591"   "4413067"   "6079644"   "6203826"   "6231839"   "6241167"   "6432196"   "6726856"   "7837785"   "7851544"   "20010015388"   "20020053661"   "20060042509"   "20070128365"   "20070185272"   "20070190139"   "20080257213"   "20090056591"   "20090233082"   "3996392"   "4383979"   "5520797"   "5618355"   "6355194"   "6488787"   "6964711"   "20030190251"   "20050115643"   "20090302512"   "20100300585"   "20110000589"   "20110111676"   "20110120919"   "7111738"   "7886913"   "20040164005"   "3802632"   "4019995"   "4023959"   "4067953"   "4287167") AND phosphate NEAR10 (surfactant OR dispersant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/12/02 12:20
S96	42	("20070214912"   "6364223"   "4075391"   "5648039"   "4319988"   RE31540   "20030094120"   "3601589"   "4126591"   "4413067"   "6079644"   "6203826"   "6231839"   "6241167"   "6432196"   "6726856"   "7837785"   "7851544"   "20010015388"   "20020053661"   "20060042509"   "20070128365"   "20070185272"   "20070190139"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/12/02 12:21

		"20080257213"   "20090056591"   "20090233082"   "3996392"   "4383979"   "5520797"   "5618355"   "6355194"   "6488787"   "6964711"   "20030190251"   "20050115643"   "20090302512"   "20100300585"   "20110000589"   "20110111676"   "20110120919"   "7111738"   "7886913"   "20040164005"   "3802632"   "4019995"   "4023959"   "4067953"   "4287167") AND (phosphate OR anionic) NEAR10 (surfactant OR dispersant)				
S97	106	("20070214912"   "6364223"   "4075391"   "5648039"   "4319988"   RE31540   "20030094120"   "3601589"   "4126591"   "4413067"   "6079644"   "6203826"   "6231839"   "6241167"   "6432196"   "6726856"   "7837785"   "7851544"   "20010015388"   "20020053661"   "20060042509"   "20070128365"   "20070185272"   "20070190139"   "20080257213"   "20090056591"   "20090233082"   "3996392"   "4383979"   "5520797"   "5618355"   "6355194"   "6488787"   "6964711"   "20030190251"   "20050115643"   "20090302512"   "20100300585"   "20110000589"   "20110111676"   "20110120919"   "7111738"   "7886913"   "20040164005"   "3802632"   "4019995"   "4023959"   "4067953"   "4287167") AND (surfactant OR dispersant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/12/02 12:44
S98	0	magnetic hyrdrometallurgy (ferrite AND magnetite OR EAF OR electric ADJ arc NEAR5 furnace)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/12/02 12:51

S99	51	magnetic hydrometallurg\$5 (ferrite AND magnetite OR EAF OR electric ADJ arc NEAR5 furnace)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/12/02 12:51
S101	3	ca "1184363"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2011/12/02 13:19
S102	7	ca "1331274"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2011/12/02 13:23
S103	4	ca "1186885"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2011/12/02 13:25
S104	119	magnetic (hydrometallurg\$5 OR wet NEAR5 separation) (ferrite AND magnetite OR EAF OR electric ADJ arc NEAR5 furnace)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/12/02 15:05
S105	38	Recupyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/12/02 15:28
S106	2	Recupyl pigment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/12/02 15:28
S107	6749	pigment magnetite (screen\$3 OR filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2011/12/05 16:52
S108	10	"4702775"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2011/12/05 16:53
S109	16	"4225352"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2011/12/05 16:59
S110	6	Oulsnam pigment	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2011/12/05 17:41
S111	41	"1327061"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2011/12/06 12:33
S112	8	"1327061" (phosphate OR dispersant OR surfactant OR phosphate OR metaphosphate OR tetrametaphosphate OR hexametaphosphate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2011/12/06 12:34

12/6/2011 2:29:33 PM

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